

KiaCab PCR Workstation *ionic*

KiaCab PCR Workstations is designed for clean operations with DNA samples. UV-Cabinet provide protection against contamination. Model is a bench-top type, made of metal framework, plexiglas walls and working surface of stainless steel.

UV-cleaner boxes are equipped with an open UV lamp installed in the upper hood. UV-radiation from the open lamps disinfects the working area inactivating DNA/RNA fragments during 15–30 min of exposure. A digital timer controls duration of the direct UV irradiation. A daylight lamp provides proper illumination of the working surface.



UV-cleaner boxes are equipped with a flow-type bactericidal UV cleaner–recirculator AR, which provides constant decontamination inside the cabinet during operation. They are recommended for operations with DNA/RNA amplicons.

UV cleaner–recirculator AR consists of a UV lamp, a fan and dust filters organized in a special body so that a user working with a UV-cleaner box is protected against UV light. Recirculator increases the maximum density of UV light making it sufficiently effective for DNA/RNA inactivation. The UV–recirculator processes 100 UV-cleaner box volumes per hour, creating permanent aseptic conditions of operation inside the UV-cleaner box.

- Ozone free high density UV decontamination
- Long living UV lamps (8,000 hours average)
- Automatic switch off of UV-lamps when the protective screen is opened
- Bactericidal flow-type ionizer providing permanent decontamination inside UV –cabinet during operation
- Low noise, low energy consumption
- Tables for installation of UV-cleaner boxes

Features include:

Light Sources:	254nm UV
UV Timer	0-199 minute
Acrylic panels	block wavelengths below 400 nm
Dimensions:	737 x 737 x 510 mm
System Design	
Bottom Stainless steel	
Door and Side Panels	Two panel assembly, acrylic plexiglas blocks wavelength below 400nm
Electrical	230V/50Hz
Manual UV light timer	
Air purifier system	